

# Notice of Allowability

Application No.

10/625,448

Examiner

Cheryl Lewis

Applicant(s)

COHEN ET AL.

Art Unit

2167

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the applicants' communication filed on August 26, 2004.
2. ☒ The allowed claim(s) is/are 1-11 and 13-20, renumbered claims 1-19.
3. ☒ The drawings filed on 22 July 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

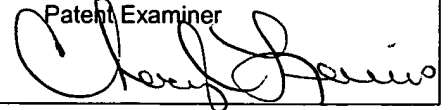
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 7/22/03
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

Cheryl Lewis  
Patent Examiner



### **DETAILED ACTION**

1. Claims 1-11 and 13-20 are allowed, renumbered as claims 1-19.
2. The applicants have renumbered claim 12 as claim 11 which complies with the request made by the Examiner in the Office Action dated June 16, 2004. The applicants have introduced new claims 13-20. However, these claims have been misnumbered. The claims should have been presented as claims 12-19. The appropriate numbering for new claims 13-20 has been presented in the Examiner's Amendment below.

### **INFORMATION DISCLOSURE STATEMENT**

3. The information disclosure statements filed on July 22, 2003 complies with the provisions of MPEP § 609. They have been placed in the application file, and the information referred to therein has been considered as to the merits.

### **EXAMINER'S AMENDMENT**

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

(a) On page 1 of the Specification, line 3, "Pat. No. 6,654,741" has been inserted after "Ser. No. 09/304,133".

- (b) claim number "13" has been replaced with "12";
- claim number "14" has been replaced with "13";
- claim number "15" has been replaced with "14";
- claim number "16" has been replaced with "15";
- claim number "17" has been replaced with "16";
- claim number "18" has been replaced with "17";
- claim number "19" has been replaced with "18"; and
- claim number "20" has been replaced with "19".

### **REASONS FOR ALLOWANCE**

5. The following is an examiner's statement of reasons for allowance:

The prior art of record fails to teach the following limitation: 'searching for a particular pattern in an input URL string, the pattern being defined in a manner that permits the search to be satisfied while allowing variability among constituent parts of the input URL string; and replacing the input URL string with an output URL string if the pattern is found in the input URL string' as recited in independent claim 1.

As per claim 7, the prior art of record does not teach 'mapping the input URL string to an output expression having a tagged expression therein; and using the tagged expression to provide an output URL string', and similarly recited in independent claim 11.

As per claim 9, the prior art of record does not teach 'evaluating the input URL string against a plurality of rules to identify a rule specifying a text pattern

corresponding to the URL string, each rule having an output expression associated therewith, at least one rules specifying a text pattern correspond to more than one combination of text characters; and producing an output URL string using an output expression associated with the identified rule'.

As per claim 13 (renumbered claim 12), the prior art of record does not teach 'a mapping engine applying one or more rules to the input URL string to replace the input URL string with a corresponding output URL string, wherein each of the one or more rules is characterized by a rule identifier, a rule action type, an input expression, and an output expression, wherein the input expression includes a variable character that represents one or more other characters', and similarly recited in independent claim 6.

The remaining claims 2-5, 8, 10, and 14-20 (renumbered claims 13-19) comprise dependent claims, thus these claims are patently distinct over the art of record for at least the above reasons.

The examiner agrees with the applicants' remarks, filed on August 26, 2004, page 10 lines 10-23; page 11 lines 1-31; page 12 lines 1-25; page 13 lines 1-11; page 15 lines 1-36; page 17 lines 1-29; page 21 lines 1-31; page 22 lines 1-28; page 23 lines 1-20; page 25 lines 3-28; and page 26 lines 1-21.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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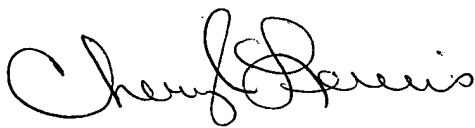
**NAME OF CONTACT**

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheryl Lewis whose telephone number is (571) 272-4113. The examiner can normally be reached on 6:30-3:00.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached on (571) 272-4107. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306 or (703) 305-9731.

(571) 273-4113 (Use this FAX #, only after approval by Examiner, for "INFORMAL" or "DRAFT" communication. Examiners may request that a formal paper/amendment be faxed directly to them on occasions.).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/ Technology Center's new number will be (571) 272-2100.



Cheryl Lewis  
Patent Examiner  
November 22, 2004



TIA ROBINSON  
PATENT EXAMINER